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PTO/SB/21 (09-04)


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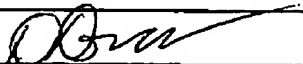
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Patent Number	US 6,832,096 B2
	Issue Date	December 14, 2004
	First Named Inventor	John W. Haim
	Application Number	10/077,449
	Filing Date	February 15, 2002
Total Number of Pages in This Submission	Attorney Docket Number	I-2-0165.3US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Cert of Corr and Form PTO/SB/44.
Remarks <div style="text-align: center;">OFFICIAL FACSIMILE</div> 6 PAGES SENT VIA FACSIMILE TO 703-872-9306. PLEASE IMMEDIATELY DELIVER TO EXAMINER JOY KIMBERLY CONTEE, GROUP ART UNIT 2686.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Dimitri P. Dovas		
Date	1-3-05	Reg. No.	51,627

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being sent Via Facsimile (703-872-9306) addressed to: Examiner Joy Kimberly Contee, Group Art Unit 2686, on the date shown below:			
Signature			
Typed or printed name	Dimitri P. Dovas	Date	1-3-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CENTRAL FAX CENTER**

JAN 03 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

John W. Haim

Patent No.: US 6,832,096 B2

Issued: December 14, 2004

Appln. No.: 10/077,449

Filed: February 15, 2002

**For: FAST ADAPTIVE POWER CONTROL
FOR A VARIABLE MULTIRATE
COMMUNICATIONS SYSTEM**

Our File: I-2-0165.3US

Date: January 3, 2005

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 6,832,096 B2. Correction of the following errors is requested.

ON THE TITLE PAGE

At section (56), under the heading "U.S. Patent Documents", right column, line 3, delete "2002/0144019 A1 10/2002 Nelson et al." and insert therefor
--2003/0144019 A1 7/2003 Nelson et al.--.

At section (56), under the heading "Foreign Patent Documents", delete "WO 97/18643 A 5/1997" and insert therefor --WO 9718643 A 5/1997--.

Patentee: John W. Haim
Patent No.: US 6,832,096 B2

IN THE SPECIFICATION

At column 7, line 53, after the word "stream", insert --from--.

At column 8, line 4, after the word "stream", insert --from--.

At column 8, line 19, after the word "the", delete "date" and insert therefor --data--.

At column 8, line 20, after the word "and", delete "change" and insert therefor
--changed--.

At column 8, line 62, after the word "entities", delete "are denoted".

At column 9, line 2, after the word "Format", delete "constitutes" and insert therefor
--is composed--.

At column 9, line 29, after the word "N(t)", delete "," and insert therefor -- > --.

At column 9, line 34, after the word "numerically", delete "combing" and insert therefor
--combining--.

At column 11, line 35, after the word "zero", insert --and--.

At column 11, line 58, after the word "with", delete "it" and insert therefor --its--.

At column 12, line 26, after the word "change", insert --in--.

Patentee: John W. Haim
Patent No.: US 6,832,096 B2

REMARKS

Patentee believes that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentee has enclosed a completed Certificate of Correction Form PTO/SB/44.

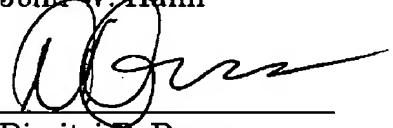
Since at least one of the errors was caused by Applicant, payment of the surcharge fee of \$100.00 (Form PTO-2038) is enclosed.

Patentee respectfully requests that the Certificate of Correction be issued.

Respectfully submitted,

John W. Haim

By


Dimitri P. Dovas
Registration No. 51,627
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

DPD/WCP

PTO/SB/44 (04-04)

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION** Page 1 of 1

PATENT NO. : US 6,832,096 B2
 DATED : December 14, 2004
 INVENTOR(S) : John W. Haim

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE

At section (56), under the heading "U.S. Patent Documents", right column, line 3, delete "2002/0144019 A1 10/2002 Nelson et al." and insert therefor --2003/0144019 A1 7/2003 Nelson et al.--.
 At section (56), under the heading "Foreign Patent Documents", delete "WO 97/18643 A 5/1997" and insert therefor --WO 9718643 A 5/1997--.

IN THE SPECIFICATION

At column 7, line 53, after the word "stream", insert --from--.
 At column 8, line 4, after the word "stream", insert --from--.
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 At column 11, line 35, after the word "zero", insert --and--.
 At column 11, line 58, after the word "with", delete "it" and insert therefor --its--.
 At column 12, line 26, after the word "change", insert --in--.

MAILING ADDRESS OF SENDER:

Volpe and Koenig, P.C.
 United Plaza, Suite 1600
 30 South 17th Street
 Philadelphia, PA 19103

PATENT NO.

US 6,832,096 B2

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4918).**FEE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$100.00)

Complete If Known

Application Number	10/077,449
Filing Date	February 15, 2002
First Named Inventor	John W. Haim
Examiner Name	Joy Kimberly Contee
Art Unit	2686
Attorney Docket No.	I-2-0165.3US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 09-0435 Deposit Account Name: InterDigital Communications Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** **Multiple Dependent Claims**

- 20 or HP = _____ x _____ = 0.00 **Fee (\$)** **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20 _____ 0.00

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 3 or HP = _____ x _____ = 0.00

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets **Extra Sheets** **Number of each additional 50 or fraction thereof** **Fee (\$)** **Fee Paid (\$)**

- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = 0.00

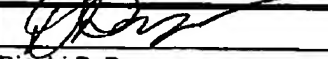
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Request for Certificate of Correction

100.00

SUBMITTED BY

Signature		Registration No. 51,627 (Attorney/Agent)	Telephone 215-568-6400
Name (Print/Type)	Dimitri P. Dovas	Date	1-3-05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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